

Condensate Drain Pan For Air Conditioning System

Abstract

5 A drain pan for capturing condensate from a cooling coil in an air conditioning system is configured to facilitate condensate drainage from the pan and to inhibit accumulation of condensate therein. The pan includes troughs for collecting condensate and for channeling the condensate to the front part of the pan where the drain openings are located. A back trough has a central hump to enhance the flow of
10 condensate from the back trough in both directions into opposed side troughs. The side troughs are sloped from back to front to conduct the condensate into a front trough to facilitate drainage from the pan. The lowermost portion of the front trough region is defined by a relatively narrow, non-flat area to reduce the amount of condensate residue in the pan.